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COMPLETE LISTING OF ALL CLAIMS, WITH MARKINGS AND STATUS IDENTIFIERS (Currently amended claims showing deletions by strikethrough and additions by <u>underlining</u> or <u>double underlining</u>)

1 (currently amended): A compound of formula (I), $(R^2R^3)-A^7-A^8-A^9-A^{10}-A^{11}-A^{12}-A^{13}-A^{14}-A^{15}-A^{16}-A^{17}-A^{18}-A^{19}-A^{20}-A^{21}-A^{22}-A^{23}-A^{24}-A^{25}-A^{26}-A^{27}-A^{28}-A^{29}-A^{30}-A^{31}-A^{32}-A^{33}-A^{34}-A^{35}-A^{36}-A^{37}-A^{38}-A^{39}-R^1 (SEQ ID NO:412),$

(I)

wherein

A⁷ is L-His, Ura, Paa, Pta, Amp, Tma-His, des-amino-His, or deleted;

A⁸ is Ala, D-Ala, Aib, Acc, N-Me-Ala, N-Me-D-Ala or N-Me-Gly;

A⁹ is Glu, N-Me-Glu, N-Me-Asp or Asp;

 A^{10} is Gly, Acc, β -Ala or Aib;

A¹¹ is Thr or Ser;

A¹² is Phe, Acc, Aic, Aib, 3-Pal, 4- Pal, β-Nal, Cha, Trp or X¹-Phe;

A¹³ is Thr or Ser;

A¹⁴ is Ser or Aib;

A¹⁵ is Asp or Glu;

A¹⁶ is Val, Acc, Aib, Leu, Ile, Tle, Nle, Abu, Ala or Cha;

A¹⁷ is Ser or Thr;

A¹⁸ is Ser or Thr;

A¹⁹ is Tyr, Cha, Phe, 3-Pal, 4-Pal, Acc, β-Nal or X¹-Phe;

A²⁰ is Leu, Acc, Aib, Nle, Ile, Cha, Tle, Val, Phe or X¹-Phe;

A²¹ is Glu or Asp;

 A^{22} is Gly, Acc, β -Ala, Glu or Aib;

A²³ is Gln, Asp, Asn or Glu;

A²⁴ is Ala, Aib, Val, Abu, Tle or Acc;

 A^{25} is Ala, Aib, Val, Abu, Tle, Acc, Lys, Arg, hArg, Orn, HN-CH((CH₂)_n-N(R¹⁰-R¹¹))-C(O) or NH-CH((CH₂)_e-X³)-C(O);

 A^{26} is Lys, Arg, hArg, Orn, HN-CH((CH₂)_n-N(R¹⁰-R¹¹))-C(O) or NH-CH((CH₂)_e-X³)-C(O); A^{27} is Glu Asp, Leu, Aib or Lys;

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 A^{28} is Phe, Pal, β - Nal, X^1 -Phe, Aic, Acc, Aib, Cha or Trp;

A²⁹ is Ile, Acc, Aib, Leu, Nle, Cha, Tle, Val, Abu, Ala or Phe;

A³⁰ is Ala, Aib or Acc;

A³¹ is Trp, β-Nal, 3-Pal, 4-Pal, Phe, Acc, Aib or Cha;

A³² is Leu, Acc, Aib, Nle, Ile, Cha, Tle, Phe, X¹-Phe or Ala;

A³³ is Val, Acc, Aib, Leu, Ile, Tle, Nle, Cha, Ala, Phe, Abu, Lys or X¹-Phe;

 A^{34} is Lys, Arg, hArg, Orn, HN-CH((CH₂)_n-N(R¹⁰-R¹¹))-C(O) or NH-CH((CH₂)_e-X³)-C(O);

A³⁵ is Gly, β-Ala, D-Ala, Gaba, Ava, NH-(CH₂)_m-C(O), Aib, Acc or a D-amino acid;

 A^{36} is L-or D-Arg, D-or L-Lys, D-or L-hArg, D-or L-Orn, HN-CH((CH₂)_n-N(R¹⁰-R¹¹))-C(O),

NH-CH((CH_2)_e- X^3)-C(O) or deleted;

 A^{37} is Gly, β -Ala, Gaba, Ava, Aib, Acc, Ado, Arg, Asp, Aun, Aec, NH-(CH₂)_m-C(O), HN-CH((CH₂)_n-N(R¹⁰-R¹¹))-C(O), a D-amino acid, or deleted;

A³⁸ is D-or L-Lys, D-or L-Arg, D-or L-hArg, D-or L-Orn, HN-CH((CH₂)_n-N(R¹⁰-R¹¹))-C(O),

NH-CH((CH₂)_e-X³)-C(O), Ava, Ado, Aec or deleted;

 A^{39} is D-or L-Lys, D-or L-Arg, HN-CH((CH₂)_n-N(R¹⁰-R¹¹))-C(O), Ava, Ado, or Aec;

 X^{1} for each occurrence is independently selected from the group consisting of (C₁-C₆)alkyl, OH and halo;

 R^1 is OH, NH₂, (C₁-C₃₀) alkoxy, or NH-X²-CH₂-Z⁰, wherein X^2 is a (C₁-C₁₂) hydrocarbon moiety, and Z^0 is H, OH, CO₂H or CONH₂;

$$X^4-N-(CH_2)_f$$
 - CH_3

X³ is

or -C(O)-NHR¹², wherein X^4 is, independently for each occurrence, -C(O)-, -NH-C(O)- or -CH₂-, and wherein f is , independently for each occurrence, an integer from 1 to 29 inclusive; each of \mathbb{R}^2 and \mathbb{R}^3 is, independently for each occurrence, H[[,]]

e is, independently for each occurrence, an integer from 1 to 4 inclusive;

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m is, independently for each occurrence, an integer from 5 to 24 inclusive; n is, independently for each occurrence, an integer from 1 to 5, inclusive; each of R^{10} and R^{11} is, independently for each occurrence, H, (C_1-C_{30}) alkyl, (C_1-C_{30}) acyl, (C_1-C_{30}) alkylsulfonyl, $-C((NH)(NH_2))$ or

 R^{12} and R^{13} each is, independently for each occurrence, (C_1-C_{30}) alkyl; provided that:

- (i) when A⁷ is Ura, Paa or Pta, then R² and R³ are deleted;
- (ii) when R^{10} is (C_1-C_{30}) acyl, (C_1-C_{30}) alkylsulfonyl, $-C((NH)(NH_2))$ or

-C(O)-CH₂—N—(CH₂)_f-CH₃, then
$$R^{11}$$
 is H or (C₁-C₃₀)alkyl;

- (iii) at least one amino acid of a compound of formula (I) is not the same as the native sequence of hGLP-1(7-36, -37 or -38)NH₂ or hGLP-1(7-36, -37 or -38)OH;
- (iv) a compound of formula (I) is not an analogue of hGLP-1(7-36, -37 or -38)NH₂ or hGLP-1(7-36, -37 or -38)OH wherein a single position has been substituted by Ala;
- (v) a compound of formula (I) is not $(Arg^{26,34}, Lys^{38})hGLP-1(7-38)-E$, $(Lys^{26}(N_M\underline{N}^{\epsilon}-alkanoyl))hGLP-1(7-36, -37 \text{ or } -38)-E$, $(Lys^{34}(N_M\underline{N}^{\epsilon}-alkanoyl))hGLP-1(7-36, -37 \text{ or } -38)-E$, $(Lys^{26,34}-bis(N_M\underline{N}^{\epsilon}-alkanoyl))hGLP-1(7-36, -37 \text{ or } -38)-E$, $(Arg^{26,34}(N_M\underline{N}^{\epsilon}-alkanoyl))hGLP-1(7-36, -37 \text{ or } -38)-E$ or $(Arg^{26,34}, Lys^{36}(N_M\underline{N}^{\epsilon}-alkanoyl))hGLP-1(7-36, -37 \text{ or } -38)-E$ or $(Arg^{26,34}, Lys^{38}(N_M\underline{N}^{\epsilon}-alkanoyl))hGLP-1(7-38)-E$, wherein E is -OH or -NH₂;
- (vi) a compound of formula (I) is not $Z^{1}(\underline{Z^{1}})$ -hGLP-1(7-36, -37 or -38)-OH, $Z^{1}(\underline{Z^{1}})$ -hGLP-1(7-36, -37 or -38)-NH₂, wherein Z^{1} is selected from the group consisting of:

(c) at least one of (Aib⁸), (D-Ala⁸) and (Asp⁹); and

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(d) (Tyr⁷), (N acyl His⁷), (N alkyl His⁷), (N acyl D His⁷) or (N alkyl D His⁷);

- (vii) a compound of formula (I) is not a combination of any two of the substitutions listed in groups (vi)(a) to (vi)(d); and
- (viii) a compound of formula (I) is not (N-Me-Ala⁸)hGLP-1(8-36 or -37), (Glu¹⁵)hGLP-1(7-36 or -37), (Asp²¹)hGLP-1(7-36 or -37)—or, (Phe³¹)hGLP-1(7-36 or -37), or (Aib^{8, 35})hGLP-1(7-36)NH₂;

or a pharmaceutically acceptable salt thereof.

- 2 (original): A compound according to claim 1, wherein A¹¹ is Thr; A¹³ is Thr; A¹⁵ is Asp; A¹⁷ is Ser; A¹⁸ is Ser; A²¹ is Glu; A²³ is Gln or Glu; A²⁷ is Glu; A³¹ is Trp; or a pharmaceutically acceptable salt thereof.
- 3 (original): A compound according to claim 2, wherein A^9 is Glu, N-Me-Glu or N-Me-Asp; A^{12} is Phe, Acc or Aic; A^{16} is Val, Acc or Aib; A^{19} is Tyr; A^{20} is Leu, Acc or Cha; A^{24} is Ala, Aib or Acc; A^{25} is Ala, Aib, Acc, Lys, Arg, hArg, Orn, HN-CH((CH₂)_n-N(R¹⁰R¹¹))-C(O) or HN-CH((CH₂)_e-X³)-C(O); A^{28} is Phe; A^{29} is Ile or Acc; A^{30} is Ala or Aib; A^{32} is Leu, Acc or Cha; and A^{33} is Val or Acc; or a pharmaceutically acceptable salt thereof.
- 4 (original): A compound according to claim 3, wherein A^8 is Ala, D-Ala, Aib, A6c, A5c, N-Me-Ala, N-Me-D-Ala or N-Me-Gly; A^{10} is Gly; A^{12} is Phe, A6c or A5c; A^{16} is Val, A6c or A5c; A^{20} is Leu, A6c, A5c or Cha; A^{22} is Gly, $\frac{9}{12}$ -Ala or Aib; A^{24} is Ala or Aib; A^{29} is Ile, A6c or A5c; A^{32} is Leu, A6c, A5c or Cha; A^{33} is Val, A6c or A5c; A^{35} is Aib, β -Ala, Ado, A6c, A5c or Gly; and A^{37} is Gly, Aib, β -Ala, Ado, D-Ala or deleted; or a pharmaceutically acceptable salt thereof.
- 5 (original): A compound according to claim 4 or a pharmaceutically acceptable salt thereof, wherein X^4 for each occurrence is -C(O)-; e for each occurrence is independently 1 or 2; and R^1 is OH or NH_2 .
 - 6 (withdrawn) A compound according to claim 5 or a pharmaceutically

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acceptable salt thereof, wherein R^2 is H and R^3 is (C_1-C_{30}) alkyl, (C_2-C_{30}) alkenyl, (C_1-C_{30}) acyl, (C_1-C_{30}) alkylsulfonyl,

7 (original): A compound according to claim 5 or a pharmaceutically acceptable salt thereof, wherein R^{10} is (C_1-C_{30}) acyl, (C_1-C_{30}) alkylsulfonyl or

-C(O)-CH
$$_2$$
—N—(CH $_2$) $_f$ -CH $_3$, and R 11 is H.

8 (original): A compound according to claim 7 or a pharmaceutically acceptable salt thereof, wherein R^{10} is (C_4-C_{20}) acyl, (C_4-C_{20}) alkylsulfonyl or

9 (currently amended): A compound according to claim 1 wherein said compound is:

(Aib⁸, β-Ala³⁵)hGLP-1(7-36)NH₂ (SEQ ID NO:5),

(Aib^{8,35}, Arg^{26,34}, Lys³⁶($N_M N^{\epsilon}$ -tetradecanoyl))hGLP-1(7-36)NH₂(SEQ ID NO:6),

(Aib^{8,35}, Arg²⁶, Lys³⁴($N_M N^{\epsilon}$ -tetradecanoyl))hGLP-1(7-36)NH₂ (SEQ ID NO:7),

(Aib^{8,35,37}, Arg^{26,34}, Lys³⁸($N_M N^{\epsilon}$ -tetradecanoyl))hGLP-1(7-38)NH₂ (SEQ ID NO:8),

(Aib^{8,35}, Arg^{26,34}, Lys³⁶($N_M N^c$ -decanoyl))hGLP-1(7-36)NH₂ (SEQ ID NO:9),

(Aib^{8,35}, Arg^{26,34}, Lys³⁶($N_M N^{\epsilon}$ -dodecanesulfonyl))hGLP-1(7-36)NH₂ (SEQ ID NO:10),

(Aib^{8,35}, Arg^{26,34}, Lys³⁶($N_M N^\epsilon$ -(2-(4-tetradecyl-1-piperazine)-acetyl)))hGLP-1(7-36)NH₂ (SEQ ID NO:11),

(Aib^{8,35}, Arg^{26,34}, Asp³⁶(1-(4-tetradecyl-piperazine)))hGLP-1(7-36)NH₂ (SEQ ID NO:12),

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(Aib^{8,35}, Arg^{26,34}, Asp³⁶(1-tetradecylamino))hGLP-1(7-36)NH₂ (SEQ ID NO:13), (Aib^{8,35}, Arg^{26,34}, Lys³⁶($N_M \underline{N}^{\epsilon}$ -tetradecanoyl), $\underline{\vartheta}$ - $\underline{\beta}$ -Ala³⁷)hGLP-1(7-37)-OH (SEQ ID NO:14) or (Aib^{8,35}, Arg^{26,34}, Lys³⁶($N_M \underline{N}^{\epsilon}$ -tetradecanoyl))hGLP-1(7-36)-OH (SEQ ID NO:15), or a pharmaceutically acceptable salt thereof.

10 (original): A compound according to claim 9 wherein said compound is $(Aib^8, \beta-Ala^{35})hGLP-1(7-36)NH_2$ (SEQ ID NO:5), $(Aib^{8,35}, Arg^{26}, Lys^{34}(N_M\underline{N}^e$ -tetradecanoyl))hGLP-1(7-36)NH₂ (SEQ ID NO:7), $(Aib^{8,35,37}, Arg^{26,34}, Lys^{38}(N_M\underline{N}^e$ -tetradecanoyl))hGLP-1(7-38)NH₂ (SEQ ID NO:8), $(Aib^{8,35}, Arg^{26,34}, Lys^{36}(N_M\underline{N}^e$ -decanoyl))hGLP-1(7-36)NH₂ (SEQ ID NO:9), or $(Aib^{8,35}, Arg^{26,34}, Lys^{36}(N_M\underline{N}^e$ -tetradecanoyl), $\beta-Ala^{37}$)hGLP-1(7-37)-OH (SEQ ID NO:14), or a pharmaceutically acceptable salt thereof.

- 11 (original): A pharmaceutical composition comprising an effective amount of a compound according to claim 1 or a pharmaceutically acceptable salt thereof and a pharmaceutically acceptable carrier or diluent.
- 12 (withdrawn): A method of eliciting an agonist effect from a GLP-1 receptor in a subject in need thereof which comprises administering to said subject an effective amount of a compound according to claim 1 or a pharmaceutically acceptable salt thereof.
- 13 (withdrawn): A method for treating a disease selected from the group consisting of Type I diabetes, Type II diabetes, obesity, glucagonomas, secretory disorders of the airway, metabolic disorder, arthritis, osteoporosis, central nervous system disease, restenosis and neurodegenerative disease, in a subject in need thereof which comprises administering to said subject an effective amount of a compound according to claim 1 or a pharmaceutically acceptable salt thereof.
 - 14 (withdrawn): A method according to claim 13 wherein said disease is

Type I diabetes or Type II diabetes.

15 (currently amended):

A compound according to claim 1 wherein said compound

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is:
(Aib<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:71);
(β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:72);
(Aib<sup>8</sup>, A6c<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:77);
(Aib<sup>8</sup>, A5c<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:78);
(Aib<sup>8</sup>, D-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:79);
(Aib<sup>8,35</sup>, A6c<sup>32</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:16);
(Aib<sup>8,35</sup>, A5c<sup>32</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:80);
(Aib<sup>8,35</sup>, Glu<sup>23</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:17);
(Aib 8,24,35)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:18);
(Aib 8,30,35)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:81);
(Aib 8,25,35)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:82);
(Aib<sup>8,35</sup>, A6c<sup>16,20</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:83);
(Aib<sup>8,35</sup>, A6c<sup>16,29,32</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:84);
(Aib<sup>8,35</sup>, A6c<sup>20,32</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:85);
(Aib<sup>8,35</sup>, A6c<sup>20</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:86);
(Aib<sup>8,35</sup>, Lys<sup>25</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:87);
(Aib<sup>8,24,35</sup>, A6c<sup>20</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:88);
(Aib<sup>8,35</sup>, A6c<sup>29,32</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:89);
(Aib<sup>8,24,35</sup>, A6c<sup>29,32</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:90);
(Aib^{8,35}, A6c^{12})hGLP-1(7-36)NH_2 (SEQ ID NO:91);
(Aib<sup>8,35</sup>, Cha<sup>20</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:92);
(Aib<sup>8,35</sup>, A6c<sup>33</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:93);
(Aib<sup>8,35</sup>, A6c<sup>20,32</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:85);
(Aib<sup>8</sup>, A6c<sup>16,20</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:94);
(Aib<sup>8,35</sup>, β-Ala<sup>22</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:95):
(Aib<sup>8,22,35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:96);
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(Aib<sup>8,35</sup>, Glu<sup>23</sup>, A6c<sup>32</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:19);
(Aib<sup>8,24,35</sup>, Glu<sup>23</sup>, A6c<sup>32</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:97);
(Aib<sup>8,24,25,35</sup>, Glu<sup>23</sup>, A6c<sup>32</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:98);
(Aib<sup>8,24,25,35</sup>, A6c<sup>16,20,32</sup>, Glu<sup>23</sup>,)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:99);
(Aib<sup>8</sup>, A6c<sup>32</sup>, \beta-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:100);
(Aib<sup>8</sup>, A5c<sup>32</sup>, \beta-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:101);
(Aib<sup>8</sup>, Glu<sup>23</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:20);
(Aib<sup>8,24</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:102);
(Aib<sup>8,30</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:103);
(Aib<sup>8,25</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:104);
(Aib<sup>8</sup>, A6c<sup>16,20</sup>, \beta-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:94);
(Aib<sup>8</sup>, A6c<sup>16,29,32</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:105);
(Aib<sup>8</sup>, A6c<sup>20,32</sup>, \beta-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:106);
(Aib<sup>8</sup>, A6c<sup>20</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:107);
(Aib<sup>8</sup>, Lys<sup>25</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:108);
(Aib<sup>8,24</sup>, A6c<sup>20</sup>, \beta-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:109);
(Aib<sup>8</sup>, A6c<sup>29,32</sup>, \beta-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:110);
(Aib<sup>8,24</sup>, A6c<sup>29,32</sup>, \beta-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:111);
(Aib<sup>8</sup>, A6c<sup>12</sup>, \beta-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:112);
(Aib<sup>8</sup>, Cha<sup>20</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:113);
(Aib<sup>8</sup>, A6c<sup>33</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:114);
(Aib<sup>8</sup>, A6c<sup>20,32</sup>, \beta-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:106);
(Aib<sup>8</sup>, β-Ala<sup>22,35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:115);
(Aib<sup>8,22</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:116);
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(Aib⁸, Glu²³, A6c³², β-Ala³⁵)hGLP-1(7-36)NH₂ (SEQ ID NO:117);

(Aib^{8,24}, Glu²³, A6c³², β -Ala³⁵)hGLP-1(7-36)NH₂ (SEQ ID NO:118);

(Aib^{8,24,25}, Glu²³, A6c³², β -Ala³⁵)hGLP-1(7-36)NH₂ (SEQ ID NO:120);

(Aib^{8,24}, Glu²³, A6c³², Lys³⁴(N_MN^{ϵ} -octanoyl), β -Ala³⁵)hGLP-1(7-36)NH₂ (SEQ ID NO:119);

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(Aib<sup>8,24,25</sup>, A6c<sup>16,20,32</sup>, Glu<sup>23</sup>, \beta-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:121);
(Aib<sup>8,35</sup>, D-Arg<sup>36</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:122);
(Aib<sup>8,35</sup>, D-Lys<sup>36</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:123);
(Aib<sup>8</sup>, \beta-Ala<sup>35</sup>, D-Arg<sup>36</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:124);
(Aib<sup>8</sup>, β-Ala<sup>35</sup>, D-Lys<sup>36</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:125);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>,)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:21);
(Aib<sup>8</sup>, Arg<sup>26,34</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:126);
(Aib<sup>8,35</sup>, Arg<sup>25,26,34</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:127);
(Aib<sup>8</sup>, Arg<sup>25,26,34</sup>, \beta-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:128);
(Aib<sup>8</sup>, Arg<sup>26,34</sup>, \beta-Ala<sup>35</sup>, Lys<sup>36</sup>(\mathbb{N}^{M}\underline{\mathbb{N}}^{\epsilon}-tetradecanoyl))hGLP-1(7-36)OH (SEQ ID NO:129);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Lys<sup>36</sup>(\mathbb{N}^{M}\underline{\mathbb{N}}^{\epsilon}-tetradecanoyl))hGLP-1(7-37)OH (SEQ ID NO:130);
(Aib<sup>8,35,37</sup>, Arg<sup>26,34</sup>, Lys<sup>36</sup>(\mathbb{N}^{M}\mathbb{N}^{\epsilon}-tetradecanoyl))hGLP-1(7-37)OH (SEQ ID NO:131);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Lys<sup>36</sup>(N^{M}N^{\epsilon}-tetradecanoyl), D-Ala<sup>37</sup>)hGLP-1(7-37)OH (SEQ ID NO:132);
(Aib<sup>8,35,37</sup>, Arg<sup>26,34</sup>, Lys<sup>38</sup>(\mathbb{N}^{M}\underline{\mathbb{N}}^{\epsilon}-tetradecanoyl))hGLP-1(7-38)OH (SEQ ID NO:133);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, \beta-Ala<sup>37</sup>, Lys<sup>38</sup>(\mathbb{N}^{M}\mathbb{N}^{\epsilon}-tetradecanoyl))hGLP-1(7-38)OH (SEQ ID NO:134);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Lys<sup>38</sup>(N<sup>M</sup>N<sup>e</sup>-tetradecanoyl))hGLP-1(7-38)OH (SEQ ID NO:135);
(Aib<sup>8</sup>, Arg<sup>26,34</sup>, Lys<sup>36</sup>(\mathbb{N}^{M}\mathbb{N}^{\epsilon}-tetradecanoyl), \frac{9}{9}-\mathbb{B}-Ala<sup>37</sup>)hGLP-1(7-37)OH (SEQ ID NO:136);
(Aib<sup>8,37</sup>, Arg<sup>26,34</sup>, Lvs<sup>36</sup>(<del>N</del><sup>M</sup>N<sup>ε</sup>-tetradecanovl))hGLP-1(7-37)OH (SEO ID NO:137):
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Ado<sup>37</sup>)hGLP-1(7-37)OH (SEQ ID NO:138);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Ado<sup>37</sup>)hGLP-1(7-37)NH<sub>2</sub> (SEQ ID NO:139);
(Aib<sup>8</sup>, Arg<sup>26,34</sup>, Lys<sup>36</sup>(N<sup>M</sup>N<sup>ε</sup>-tetradecanoyl), D-Ala<sup>37</sup>)hGLP-1(7-37)OH (SEQ ID NO 140);
(Aib<sup>8,37</sup>, Arg<sup>26,34</sup>, Lys<sup>38</sup>(\mathbb{N}^{M}\mathbb{N}^{\epsilon}-tetradecanoyl))hGLP-1(7-38)OH (SEQ ID NO:141);
(Aib<sup>8</sup>, Arg<sup>26,34</sup>, \beta-Ala<sup>37</sup>, Lys<sup>38</sup>(\mathbb{N}^{M}\mathbb{N}^{\epsilon}-tetradecanoyl))hGLP-1(7-38)OH (SEQ ID NO:142);
(Aib<sup>8,35</sup>, Lys<sup>26</sup>(\mathbb{N}^{M}N<sup>\varepsilon</sup>-octanovl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:143);
(Aib<sup>8,35</sup>, Lys<sup>26</sup>(\mathbb{N}^{M}\mathbb{N}^{\epsilon}-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:144);
(Aib<sup>8,35</sup>, Lys<sup>26</sup>(\mathbb{N}^{M} \mathbb{N}^{\epsilon}-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:145);
(Aib<sup>8</sup>, Lys<sup>26</sup>(\mathbb{N}^{M}N<sup>\varepsilon</sup>-octanoyl), \beta-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:146);
(Aib<sup>8</sup>, Lvs<sup>26</sup>(N<sup>M</sup>N<sup>ε</sup>-tetradecanovl), β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:147);
(Aib<sup>8</sup>, Lys<sup>26</sup>(N<sup>M</sup>N<sup>ε</sup>-hexadecanoyl), β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:148);
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(Aib<sup>8,35</sup>, Lys<sup>26</sup>(N<sup>M</sup>N<sup>ε</sup>-octanoyl), Arg<sup>34</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:149);
(Aib<sup>8,35</sup>, Lys<sup>26</sup>(N<sup>M</sup>N<sup>ε</sup>-tetradecanoyl), Arg<sup>34</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:150);
(Aib<sup>8,35</sup>, Lys<sup>26</sup>(\mathbb{N}^{M}\mathbb{N}^{\epsilon}-hexadecanoyl), Arg<sup>34</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:151);
(Aib<sup>8,35</sup>, Lys<sup>26</sup>(N^{M}N^{\epsilon}-decanoyl), Arg<sup>34</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:152);
(Aib<sup>8,35</sup>, Lys<sup>25</sup>, Lys<sup>26</sup>(N<sup>M</sup>N<sup>ε</sup>-octanoyl), Arg<sup>34</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:153);
(Aib<sup>8,35</sup>, Lys<sup>25</sup>, Lys<sup>26</sup>(N<sup>M</sup>N<sup>E</sup>-tetradecanoyl), Arg<sup>34</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:154);
(Aib<sup>8,35</sup>, Lys<sup>25</sup>, Lys<sup>26</sup>(N^{M}N^{\epsilon}-hexadecanoyl), Arg<sup>34</sup>)hGLP-1(7-36)NH<sub>2</sub>(SEQ ID NO:155);
(Aib<sup>8,35</sup>, Arg<sup>25,34</sup>, Lys<sup>26</sup>(N<sup>M</sup>N<sup>ε</sup>-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:156);
(Aib<sup>8,35</sup>, Arg<sup>25,34</sup>, Lys<sup>26</sup>(\mathbb{N}^{M}\underline{\mathbb{N}}^{\epsilon}-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:157);
(Aib<sup>8,35</sup>, Arg<sup>25,34</sup>, Lys<sup>26</sup>(N^{M}N^{\epsilon}-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:158);
(Aib<sup>8,35</sup>, Arg<sup>25,34</sup>, Lys<sup>26</sup>(\mathbb{N}^{M}N<sup>\epsilon</sup>-decanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:159);
(Aib<sup>8</sup>, Lys<sup>26</sup>(\mathbb{N}^{M}N<sup>\epsilon</sup>-octanoyl), Arg<sup>34</sup>, \beta-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:160);
(Aib<sup>8</sup>, Lys<sup>26</sup>(\mathbb{N}^{M}\mathbb{N}^{\epsilon}-tetradecanoyl), Arg<sup>34</sup>, \beta-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:161);
(Aib<sup>8</sup>, Lys<sup>26</sup>(\mathbb{N}^{M}\mathbb{N}^{\epsilon}-hexadecanoyl), Arg<sup>34</sup>, \beta-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:162);
(Aib<sup>8</sup>, Lys<sup>26</sup>(\mathbb{N}^{M}N<sup>\varepsilon</sup>-decanoyl), Arg<sup>34</sup>, \beta-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:163);
(Aib^{8,35}, Lvs^{34}(N^{M}N^{\epsilon}-octanov))hGLP-1(7-36)NH_{2} (SEQ ID NO:164);
(Aib<sup>8,35</sup>, Lys<sup>34</sup>(N<sup>M</sup>N<sup>\varepsilon</sup>-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:165);
(Aib<sup>8,35</sup>, Lys<sup>34</sup>(N<sup>M</sup>N<sup>\varepsilon</sup>-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:166);
(Aib^{8,35}, Arg^{26}, Lys^{34}(N^{M}N^{\epsilon}-octanoyl))hGLP-1(7-36)NH_{2} (SEQ ID NO:167);
(Aib<sup>8,35</sup>, Arg<sup>26</sup>, Lys<sup>34</sup>(N<sup>M</sup>N<sup>ε</sup>-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:168);
(Aib<sup>8,35</sup>, Arg<sup>26</sup>, Lys<sup>34</sup>(\mathbb{N}^{M}N<sup>\epsilon</sup>-decanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:169);
(Aib^{8,35}, Arg^{25,26}, Lys^{34}(N^{M}N^{\epsilon}-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:170);
(Aib<sup>8,35</sup>, Arg<sup>25,26</sup>, Lys<sup>34</sup>(\mathbb{N}^{M}\mathbb{N}^{\epsilon}-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:171);
(Aib<sup>8,35</sup>, Arg<sup>25,26</sup>, Lys<sup>34</sup>(N<sup>M</sup>N<sup>E</sup>-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:172);
(Aib<sup>8,35</sup>, Arg<sup>25,26</sup>, Lys<sup>34</sup>(\mathbb{N}^{M}N<sup>\epsilon</sup>-decanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:173);
(Aib^{8,35}, Lys^{25}, Arg^{26}, Lys^{34}(N^{M}N^{\epsilon}-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:174);
(Aib<sup>8,35</sup>, Lys<sup>25</sup>, Arg<sup>26</sup>, Lys<sup>34</sup>(\mathbb{N}^{M}\mathbb{N}^{\epsilon}-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub>(SEQ ID NO:175);
(Aib<sup>8,35</sup>, Lys<sup>25</sup>, Arg<sup>26</sup>, Lys<sup>34</sup>(\mathbb{N}^{M}N<sup>\epsilon</sup>-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:176);
(Aib<sup>8,35</sup>, Lys<sup>36</sup>(\mathbb{N}^{M}\mathbb{N}^{\epsilon}-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:177);
(Aib<sup>8,35</sup>, Lys<sup>36</sup>(N<sup>M</sup>N<sup>\varepsilon</sup>-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub>(SEQ ID NO:178);
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(Aib<sup>8,35</sup>, Lvs<sup>36</sup>(N<sup>M</sup>N<sup>E</sup>-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:179);
(Aib<sup>8,35</sup>, Arg<sup>26</sup>, Lys<sup>36</sup>(\mathbb{N}^{M}\mathbb{N}^{\epsilon}-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:180);
(Aib<sup>8,35</sup>, Arg<sup>26</sup>, Lys<sup>36</sup>(\mathbb{N}^{M}N<sup>\epsilon</sup>-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:181);
(Aib<sup>8,35</sup>, Arg<sup>26</sup>, Lys<sup>36</sup>(\mathbb{N}^{M}\mathbb{N}^{\epsilon}-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:182);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Lys<sup>36</sup>(\mathbb{N}^{M}N<sup>\epsilon</sup>-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:183);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Lys<sup>36</sup>(N^{M}N^{\epsilon}-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:184);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Lys<sup>38</sup>(\mathbb{N}^{M}N<sup>\epsilon</sup>-octanoyl))hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:185);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Lys<sup>38</sup>(N<sup>M</sup>N<sup>ε</sup>-decanoyl))hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:186);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Lys<sup>38</sup>(\mathbb{N}^{M}\underline{\mathbb{N}}^{\epsilon}-tetradecanoyl))hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:187);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Lys<sup>38</sup>(N^{M}N^{\epsilon}-hexadecanoyl))hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:188);
(Aib<sup>8,35,37</sup>, Arg<sup>25,26,34</sup>, Lys<sup>38</sup>(\mathbb{N}^{M}N<sup>\epsilon</sup>-octanoyl))hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:189);
(Aib<sup>8,35,37</sup>, Arg<sup>25,26,34</sup>, Lys<sup>38</sup>(\mathbb{N}^{M}N<sup>\epsilon</sup>-decanoyl))hGLP-1(7-38)NH<sub>2</sub>(SEQ ID NO:190);
(Aib<sup>8,35,37</sup>, Arg<sup>25,26,34</sup>, Lys<sup>38</sup>(N^{M}N^{\epsilon}-tetradecanoyl))hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:191);
(Aib<sup>8,35,37</sup>, Arg<sup>25,26,34</sup>, Lys<sup>38</sup>(N<sup>M</sup>N<sup>\epsilon</sup>-hexadecanoyl))hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:192);
(Aib<sup>8,35,37</sup>, Arg<sup>26,34</sup>, Lys<sup>38</sup>(\mathbb{N}^{M}N<sup>\epsilon</sup>-octanoyl))hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:193);
(Aib<sup>8,35,37</sup>, Arg<sup>26,34</sup>, Lys<sup>38</sup>(N<sup>M</sup>N<sup>E</sup>-decanoyl))hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:194);
(Aib<sup>8,35,37</sup>, Arg<sup>26,34</sup>, Lys<sup>38</sup>(N^{M}N^{\epsilon}-hexadecanoyl))hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:195);
(Aib<sup>8,35,37</sup>, Arg<sup>25,26,34</sup>, Lys<sup>38</sup>(N^{M}N^{\epsilon}-octanoyl))hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:189);
(Aib<sup>8,35,37</sup>, Arg<sup>25,26,34</sup>, Lys<sup>38</sup>(\mathbb{N}^{M}N<sup>\epsilon</sup>-decanoyl))hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:190);
(Aib<sup>8,35,37</sup>, Arg2<sup>5,26,34</sup>, Lys<sup>38</sup>(\mathbb{N}^{M}\mathbb{N}^{\epsilon}-tetradecanoyl))hGLP-1(7-38)NH<sub>2</sub>(SEQ ID NO:191);
(Aib<sup>8,35,37</sup>, Arg<sup>25,26,34</sup>, Lys<sup>38</sup>(N<sup>M</sup>N<sup>\epsilon</sup>-hexadecanoyl))hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:192);
(Aib<sup>8,35</sup>, Lys<sup>25</sup>, Arg<sup>26,34</sup>, Lys<sup>36</sup>(\mathbb{N}^{M}\mathbb{N}^{\epsilon}-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:196);
(Aib<sup>8,35</sup>, Lys<sup>25</sup>, Arg<sup>26,34</sup>, Lys<sup>36</sup>(\mathbb{N}^{M}\underline{\mathbb{N}}^{\epsilon}-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:197);
(Aib<sup>8,35</sup>, Lys<sup>25</sup>, Arg<sup>26,34</sup>, Lys<sup>36</sup>(\mathbb{N}^{M}N<sup>\epsilon</sup>-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:198);
(Aib<sup>8,35</sup>, Arg<sup>25,26,34</sup>, Lys<sup>36</sup>(N^{M}N^{\epsilon}-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:199);
(Aib<sup>8,35</sup>, Arg<sup>25,26,34</sup>, Lys<sup>36</sup>(N^{M}N^{\epsilon}-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:200);
(Aib<sup>8,35</sup>, Arg<sup>25,26,34</sup>, Lys<sup>36</sup>(N<sup>M</sup>N<sup>\epsilon</sup>-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:201);
(Aib<sup>8,35</sup>, Arg<sup>25,26,34</sup>, Lys<sup>36</sup>(N^{M}N^{\epsilon}-decanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:202);
(Aib<sup>8</sup>, Lys<sup>34</sup>(\mathbb{N}^{M}N<sup>\epsilon</sup>-octanoyl), \beta-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:203);
(Aib<sup>8</sup>, Lys<sup>34</sup>(\mathbb{N}^{M}\mathbb{N}^{\varepsilon}-tetradecanoyl), \beta-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:204);
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(Aib<sup>8</sup>, Lys<sup>34</sup>(N<sup>M</sup>N<sup>ε</sup>-hexadecanoyl), β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:205);
(Aib<sup>8</sup>, A6c<sup>32</sup>, Lvs<sup>34</sup>(N<sub>M</sub>N<sup>ε</sup>-octanovl), β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:206);
(Aib<sup>8</sup>, Glu<sup>23</sup>, Lys<sup>34</sup>(N_MN^{\epsilon}-octanoyl), \beta-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:207);
(Aib<sup>8</sup>, Glu<sup>23</sup>, A6c<sup>32</sup>, Lys<sup>34</sup>(N<sub>M</sub>N<sup>ε</sup>-octanoyl), β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:208);
(Aib<sup>8</sup>, Arg<sup>26</sup>, Lys<sup>34</sup>(\mathbb{N}^{M}\mathbb{N}^{\epsilon}-octanoyl), \beta-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:209);
(Aib<sup>8</sup>, Arg<sup>26</sup>, Lys<sup>34</sup>(N<sup>M</sup>N<sup>ε</sup>-tetradecanoyl), β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:210);
(Aib<sup>8</sup>, Arg<sup>26</sup>, Lvs<sup>34</sup>(N<sup>M</sup>N<sup>ε</sup>-hexadecanovl), β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:211);
(Aib<sup>8</sup>, Arg<sup>26</sup>, Lys<sup>34</sup>(N<sup>M</sup>N<sup>ε</sup>-decanoyl), β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:212);
(Aib<sup>8</sup>, Arg<sup>25,26</sup>, Lys<sup>34</sup>(\mathbb{N}^{M}\underline{N}^{\epsilon}-octanoyl), \beta-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:213);
(Aib<sup>8</sup>, Arg<sup>25,26</sup>, Lys<sup>34</sup>(\mathbb{N}^{M}\mathbb{N}^{\epsilon}-tetradecanoyl), \beta-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:214);
(Aib<sup>8</sup>, Arg<sup>25,26</sup>, Lys<sup>34</sup>(\mathbb{N}^{M}N<sup>\epsilon</sup>-hexadecanoyl), \beta-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:215);
(Aib<sup>8</sup>, Arg<sup>25,26</sup>, Lys<sup>34</sup>(\mathbb{N}^{M}N<sup>\epsilon</sup>-decanoyl), \beta-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:216);
(Aib<sup>8</sup>, Lys<sup>25</sup>, Arg<sup>26</sup>, Lys<sup>34</sup>(\mathbb{N}^{M}\mathbb{N}^{\epsilon}-octanoyl), β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:217);
(Aib<sup>8</sup>, Lys<sup>25</sup>, Arg<sup>26</sup>, Lys<sup>34</sup>(\mathbb{N}^{M}\mathbb{N}^{\epsilon}-tetradecanoyl), \beta-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:218);
(Aib<sup>8</sup>, Lys<sup>25</sup>, Arg<sup>26</sup>, Lys<sup>34</sup>(\mathbb{N}^{M}\mathbb{N}^{\epsilon}-hexadecanoyl), \beta-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:219);
(Aib<sup>8</sup>, \beta-Ala<sup>35</sup>, Lys<sup>36</sup>(\mathbb{N}^{M}N<sup>\epsilon</sup>-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:220);
(Aib<sup>8</sup>, \beta-Ala<sup>35</sup>, Lys<sup>36</sup>(N<sup>M</sup>N<sup>\epsilon</sup>-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:221);
(Aib<sup>8</sup>, \beta-Ala<sup>35</sup>, Lys<sup>36</sup>(N<sup>M</sup>N<sup>\epsilon</sup>-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:222);
(Aib<sup>8</sup>, Arg<sup>26</sup>, \beta-Ala<sup>35</sup>, Lys<sup>36</sup>(\mathbb{N}^{M}\mathbb{N}^{\epsilon}-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:223);
(Aib<sup>8</sup>, Arg<sup>26</sup>, \beta-Ala<sup>35</sup>, Lys<sup>36</sup>(\mathbb{N}^{M}\underline{\mathbb{N}}^{\epsilon}-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:224);
(Aib<sup>8</sup>, Arg<sup>26</sup>, β-Ala<sup>35</sup>, Lys<sup>36</sup>(N<sup>M</sup>N<sup>ε</sup>-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:225);
(Aib<sup>8</sup>, Arg<sup>26,34</sup>, \beta-Ala<sup>35</sup>, Lys<sup>36</sup>(\mathbb{N}^{M}\mathbb{N}^{\epsilon}-octanovl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:226);
(Aib<sup>8</sup>, Arg<sup>26,34</sup>, \beta-Ala<sup>35</sup>, Lys<sup>36</sup>(\mathbb{N}^{M}\underline{\mathbb{N}}^{\epsilon}-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:227);
(Aib<sup>8</sup>, Arg<sup>26,34</sup>, \beta-Ala<sup>35</sup>, Lys<sup>36</sup>(\mathbb{N}^{M}\underline{\mathbb{N}}^{\epsilon}-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:228);
(Aib<sup>8</sup>, Arg<sup>26,34</sup>, \beta-Ala<sup>35</sup>, Lys<sup>36</sup>(N<sup>M</sup>N<sup>\epsilon</sup>-decanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:229);
(Aib<sup>8</sup>, Lys<sup>25</sup>, Arg<sup>26,34</sup>, β-Ala<sup>35</sup>, Lys<sup>36</sup>(\mathbb{N}^{M}\underline{\mathbb{N}}^{\epsilon}-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:230);
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(Aib⁸, Lys²⁵, Arg^{26,34}, Lys³⁶($\mathbb{N}^{M}\mathbb{N}^{\epsilon}$ -tetradecanoyl), β -Ala³⁵)hGLP-1(7-36)NH₂ (SEQ ID NO:231);

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(Aib<sup>8</sup>, Lys<sup>25</sup>, Arg<sup>26,34</sup>, β-Ala<sup>35</sup>, Ly
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(Aib<sup>8</sup>, Lys<sup>25</sup>, Arg<sup>26,34</sup>, β-Ala<sup>35</sup>, Lys<sup>36</sup>(N<sup>M</sup>N<sup>ε</sup>-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID
NO:232);
(Aib^{8}, Arg^{25,26,34}, \beta-Ala^{35}, Lys^{36}(N^{M}N^{\epsilon}-octanoyl))hGLP-1(7-36)NH_{2} (SEQ ID NO:233);
(Aib<sup>8</sup>, Arg<sup>25,26,34</sup>, \beta-Ala<sup>35</sup>, Lys<sup>36</sup>(\mathbb{N}^{M}\mathbb{N}^{\epsilon}-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:234);
(Aib<sup>8</sup>, Arg<sup>25,26,34</sup>, \beta-Ala<sup>35</sup>, Lys<sup>36</sup>(\mathbb{N}^{M}) -hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:235);
(Aib<sup>8</sup>, Arg<sup>25,26,34</sup>, \beta-Ala<sup>35</sup>, Lys<sup>36</sup>(\mathbb{N}^{M}\mathbb{N}^{\epsilon}-decanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:236);
(Aib^{8,35}, Lvs^{26}(N^{M}N^{\epsilon}-octanovl), A6c^{32}, Arg^{34})hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:237);
(Aib<sup>8,35</sup>, Lys<sup>26</sup>(N<sup>M</sup>N<sup>\epsilon</sup>-tetradecanoyl), A6c<sup>32</sup>, Arg<sup>34</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:238);
(Aib<sup>8,35</sup>, Lys<sup>26</sup>(\mathbb{N}^{M}\mathbb{N}^{\epsilon}-hexadecanoyl), A6c<sup>32</sup>, Arg<sup>34</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:239);
(Aib^{8,35}, A6c^{32}, Lvs^{34}(N^{M}N^{\epsilon}-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:240);
(Aib<sup>8,35</sup>, A6c<sup>32</sup>, Lys<sup>34</sup>(\mathbb{N}^{M}\mathbb{N}^{\epsilon}-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:241);
(Aib<sup>8,35</sup>, A6c<sup>32</sup>, Lys<sup>34</sup>(\mathbb{N}^{M}\mathbb{N}^{\epsilon}-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:242);
(Aib<sup>8,35</sup>, Arg<sup>26</sup>, A6c<sup>32</sup>, Lys<sup>34</sup>(N<sup>M</sup>N<sup>\epsilon</sup>-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:243);
(Aib<sup>8,35</sup>, Arg<sup>26</sup>, A6c<sup>32</sup>, Lys<sup>34</sup>(\mathbb{N}^{M}\mathbb{N}^{\epsilon}-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:244);
(Aib<sup>8,35</sup>, A6c<sup>32</sup>, Lys<sup>36</sup>(\mathbb{N}^{M} N<sup>\epsilon</sup>-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:245);
(Aib^{8,35}, A6c^{32}, Lys^{36}(N^{M}N^{\epsilon}-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:246);
(Aib<sup>8,35</sup>, A6c<sup>32</sup>, Lys<sup>36</sup>(\mathbb{N}^{M}\mathbb{N}^{\epsilon}-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:247);
(Aib^{8,35}, Arg^{26}, A6c^{32}, Lys^{36}(N^{M}N^{\epsilon}-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:248);
(Aib<sup>8,35</sup>, Arg<sup>26</sup>, A6c<sup>32</sup>, Lys<sup>36</sup>(\mathbb{N}^{M}\mathbb{N}^{\epsilon}-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:249);
(Aib^{8,35}, Arg^{26}, A6c^{32}, Lys^{36}(N^{M}N^{\epsilon}-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:250);
(Aib^{8,35}, Arg^{26,34}, A6c^{32}, Lys^{36}(N^{M}N^{\epsilon}-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:251);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, A6c<sup>32</sup>, Lys<sup>36</sup>(\mathbb{N}^{M} N<sup>\epsilon</sup>-decanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:252);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, A6c<sup>32</sup>, Lys<sup>36</sup>(\mathbb{N}^{M}\mathbb{N}^{\epsilon}-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:253);
(Aib^{8,35}, Arg^{26,34}, A6c^{32}, Lys^{36}(N^{M}N^{\epsilon}-hexadecanoyl))hGLP-1(7-36)NH_{2} (SEQ ID NO:254);
(Aib^{8,24,35}, Lvs^{26}(N^{M}N^{\epsilon}-octanov)), Arg^{34})hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:255);
(Aib<sup>8,24,35</sup>, Lys<sup>26</sup>(\mathbb{N}^{M}\mathbb{N}^{\epsilon}-tetradecanoyl), Arg<sup>34</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:256);
(Aib^{8,24,35}, Lys^{26}(N^{M}N^{\epsilon}-hexadecanoyl), Arg^{34})hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:257);
(Aib^{8,24,35}, Arg^{26}, Lys^{34}(\mathbb{N}^{M}\mathbb{N}^{\epsilon}-octanoyl))hGLP-1(7-36)NH_{2} (SEQ ID NO:258);
(Aib<sup>8,24,35</sup>, Arg<sup>26</sup>, Lys<sup>34</sup>(N<sup>M</sup>N<sup>\varepsilon</sup>-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:259);
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(Aib<sup>8,24,35</sup>, Arg<sup>26</sup>, Lys<sup>34</sup>(\mathbb{N}^{M}\mathbb{N}^{\epsilon}-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:260);
(Aib<sup>8,24,35</sup>, Arg<sup>26,34</sup>, Lys<sup>36</sup>(\mathbb{N}^{M}N<sup>\epsilon</sup>-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:261);
(Aib<sup>8,24,35</sup>, Arg<sup>26,34</sup>, Lys<sup>36</sup>(\mathbb{N}^{M}\mathbb{N}^{\varepsilon}-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:262);
(Aib<sup>8,24,35</sup>, Arg<sup>26,34</sup>, Lys<sup>36</sup>(N^{M}N^{\epsilon}-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:263);
(Aib^{8,24,35}, Glu^{23}, A6c^{32}, Lvs^{34}(N_MN^{\epsilon}-octanovl))hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:264);
(Aib<sup>8,35</sup>, Glu<sup>23</sup>, Lys<sup>26</sup>(N^{M}N^{\epsilon}-octanoyl), Arg<sup>34</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:265);
(Aib<sup>8,35</sup>, Glu<sup>23</sup>, Lys<sup>26</sup>(\mathbb{N}^{M}\mathbb{N}^{\epsilon}-tetradecanoyl), Arg<sup>34</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:266);
(Aib<sup>8,35</sup>, Glu<sup>23</sup>, Lys<sup>26</sup>(N<sup>M</sup>N<sup>ε</sup>-hexadecanoyl), Arg<sup>34</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:267);
(Aib^{8,35}, Glu^{23}, Lys^{34}(N_M)^{\epsilon}-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:268);
(Aib^{8,35}, Glu^{23}, A6c^{32}, Lys^{34}(N_MN^{\epsilon}-octanoyl))hGLP-1(7-36)NH_2 (SEQ ID NO:269);
(Aib<sup>8,35</sup>, Glu<sup>23</sup>, Arg<sup>26</sup>, Lys<sup>34</sup>(\mathbb{N}^{M}\underline{\mathbb{N}}^{\epsilon}-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:270);
(Aib<sup>8,35</sup>, Glu<sup>23</sup>, Arg<sup>26</sup>, Lys<sup>34</sup>(\mathbb{N}^{M}\underline{\mathbb{N}}^{\epsilon}-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:271);
(Aib<sup>8,35</sup>, Glu<sup>23</sup>, Arg<sup>26</sup>, Lys<sup>34</sup>(N<sup>M</sup>N<sup>E</sup>-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:272);
(Aib<sup>8,35</sup>, Glu<sup>23</sup>, Lys<sup>36</sup>(\mathbb{N}^{M}\mathbb{N}^{\epsilon}-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:273);
(Aib<sup>8,35</sup>, Glu<sup>23</sup>, Lys<sup>36</sup>(N<sup>M</sup>N<sup>\varepsilon</sup>-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:274);
(Aib<sup>8,35</sup>, Glu<sup>23</sup>, Lys<sup>36</sup>(\mathbb{N}^{M}\mathbb{N}^{\epsilon}-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:275);
(Aib<sup>8,35</sup>, Glu<sup>23</sup>, Arg<sup>26,34</sup>, Lys<sup>36</sup>(\mathbb{N}^{M}\mathbb{N}^{\epsilon}-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:276);
(Aib<sup>8,35</sup>, Glu<sup>23</sup>, Arg<sup>26,34</sup>, Lys<sup>36</sup>(\mathbb{N}^{M}\underline{\mathbb{N}}^{\epsilon}-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:277);
(Aib<sup>8,35</sup>, Glu<sup>23</sup>, Arg<sup>26,34</sup>, Lys<sup>36</sup>(\mathbb{N}^{M}) -hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:278);
(Aib<sup>8,30,35</sup>, Lys<sup>26</sup>(N<sup>M</sup>N<sup>\epsilon</sup>-octanoyl), Arg<sup>34</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:279);
(Aib<sup>8,30,35</sup>, Lys<sup>26</sup>(\mathbb{N}^{M}N<sup>\varepsilon</sup>-tetradecanoyl), Arg<sup>34</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:280);
(Aib<sup>8,30,35</sup>, Lys<sup>26</sup>(\mathbb{N}^{M}\mathbb{N}^{\epsilon}-hexadecanoyl), Arg<sup>34</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:281);
(Aib<sup>8,30,35</sup>, Arg<sup>26</sup>, Lys<sup>34</sup>(\mathbb{N}^{M}N<sup>\epsilon</sup>-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:282);
(Aib<sup>8,30,35</sup>, Arg<sup>26</sup>, Lys<sup>34</sup>(\mathbb{N}^{M}\mathbb{N}^{\epsilon}-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:283);
(Aib<sup>8,30,35</sup>, Arg<sup>26</sup>, Lys<sup>34</sup>(N<sup>M</sup>N<sup>\epsilon</sup>-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:284);
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(Aib^{8,30,35}, Arg²⁶, Lys³⁴(N^MN^{\epsilon}-hexadecanoyl))hGLP-1(7-36)NH₂ (SEQ ID NO:284); (Aib^{8,30,35}, Arg^{26,34}, Lys³⁶(N^MN^{\epsilon}-octanoyl))hGLP-1(7-36)NH₂ (SEQ ID NO:285); (Aib^{8,30,35}, Arg^{26,34}, Lys³⁶(N^MN^{\epsilon}-tetradecanoyl))hGLP-1(7-36)NH₂ (SEQ ID NO:286); (Aib^{8,30,35}, Arg^{26,34}, Lys³⁶(N^MN^{\epsilon}-hexadecanoyl))hGLP-1(7-36)NH₂ (SEQ ID NO:287); (Aib^{8,35}, Glu²³, A6c³², Lys³⁶(N^MN^{\epsilon}-octanoyl))hGLP-1(7-36)NH₂ (SEQ ID NO:288); (Aib^{8,35}, Glu²³, A6c³², Lys³⁶(N^MN^{\epsilon}-tetradecanoyl))hGLP-1(7-36)NH₂ (SEQ ID NO:289);

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(Aib<sup>8,35</sup>, Glu<sup>23</sup>, A6c<sup>32</sup>, Lvs<sup>36</sup>(N<sup>M</sup>N<sup>ε</sup>-hexadecanovl))hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:290);
(Aib<sup>8,35</sup>, Glu<sup>23</sup>, Arg<sup>26,34</sup>, A6c<sup>32</sup>, Lys<sup>36</sup>(N<sup>M</sup>N<sup>\epsilon</sup>-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:291);
(Aib<sup>8,35</sup>, Glu<sup>23</sup>, Arg<sup>26,34</sup>, A6c<sup>32</sup>, Lys<sup>36</sup>(\mathbb{N}^{M}\mathbb{N}^{\epsilon}-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID
NO:292);
(Aib<sup>8,35</sup>, Glu<sup>23</sup>, Arg<sup>26,34</sup>, A6c<sup>32</sup>, Lys<sup>36</sup>(N<sup>M</sup>N<sup>ε</sup>-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEO ID
NO:293);
(Aib^{8,24,35}, Glu^{23}, Arg^{26,34}, A6c^{32}, Lvs^{36}(N^{M}N^{\epsilon}-octanovl))hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:294);
(Aib<sup>8,24,35</sup>, Glu<sup>23</sup>, Arg<sup>26,34</sup>, A6c<sup>32</sup>, Lys<sup>36</sup>(\mathbb{N}^{M}\underline{\mathbb{N}}^{\epsilon}-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID
NO:295);
(Aib<sup>8,24,35</sup>, Glu<sup>23</sup>, Arg<sup>26,34</sup>, A6c<sup>32</sup>, Lys<sup>36</sup>(\mathbb{N}^{M}N^{\epsilon}-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID
NO:296);
(Aib^{8,24,30,35}, Glu^{23}, Arg^{26,34}, A6c^{32}, Lys^{36}(N^{M}N^{\epsilon}-octanoyl))hGLP-1(7-36)NH_{2} (SEQ ID NO:297);
(Aib<sup>8,24,30,35</sup>, Glu<sup>23</sup>, Arg<sup>26,34</sup>, A6c<sup>32</sup>, Lys<sup>36</sup>(N<sup>M</sup>N<sup>\epsilon</sup>-tetradecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID
NO:298);
(Aib<sup>8,24,30,35</sup>, Glu<sup>23</sup>, Arg<sup>26,34</sup>, A6c<sup>32</sup>, Lys<sup>36</sup>(N<sup>M</sup>N<sup>\epsilon</sup>-hexadecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID
NO:299);
(Aib<sup>8,35</sup>, Lys<sup>26</sup>(N^{M}N^{\epsilon}-octanesulfonyl), Arg<sup>34</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:317);
(Aib<sup>8,35</sup>, Lys<sup>26</sup>(N<sup>M</sup>N<sup>E</sup>-dodecanesulfonyl), Arg<sup>34</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:318);
(Aib<sup>8,35</sup>, Lys<sup>26</sup>(N<sup>M</sup>N<sup>ε</sup>-hexadecanesulfonyl), Arg<sup>34</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:319);
(Aib<sup>8,35</sup>, Arg<sup>26</sup>, Lys<sup>34</sup>(\mathbb{N}^{M}\mathbb{N}^{\epsilon}-octanesulfonyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:320);
(Aib<sup>8,35</sup>, Arg<sup>26</sup>, Lys<sup>34</sup>(N<sup>M</sup>N<sup>E</sup>-dodecanesulfonyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:321);
(Aib<sup>8,35</sup>, Arg<sup>26</sup>, Lys<sup>34</sup>(N<sup>M</sup>N<sup>E</sup>-hexadecanesulfonyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:322);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Lys<sup>36</sup>(\mathbb{N}^{M}N<sup>\epsilon</sup>-octanesulfonyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:323);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Lys<sup>36</sup>(\mathbb{N}^{M}N<sup>\epsilon</sup>-hexadecanesulfonyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:324);
(Aib<sup>8,35</sup>, Asp<sup>26</sup>(1-(4-decylpiperazine)), Arg<sup>34</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:325);
(Aib<sup>8,35</sup>, Asp<sup>26</sup>(1-(4-dodecylpiperazine)), Arg<sup>34</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:326);
(Aib<sup>8,35</sup>, Asp<sup>26</sup>(1-(4-tetradecylpiperazine)), Arg<sup>34</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:327);
(Aib<sup>8,35</sup>, Asp<sup>26</sup>(1-(4-hexadecylpiperazine)), Arg<sup>34</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:328);
(Aib<sup>8,35</sup>, Arg<sup>26</sup>, Asp<sup>34</sup>(1-(4-decylpiperazine)))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:329);
(Aib<sup>8,35</sup>, Arg<sup>26</sup>, Asp<sup>34</sup>(1-(4-dodecylpiperazine)))hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:330);
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(Aib^{8,35}, Arg²⁶, Asp³⁴(1-(4-tetradecylpiperazine)))hGLP-1(7-36)NH₂ (SEQ ID NO:331);

(Aib^{8,35}, Arg²⁶, Asp³⁴(1-(4-hexadecylpiperazine)))hGLP-1(7-36)NH₂ (SEQ ID NO:332);

(Aib^{8,35}, Arg^{26,34}, Asp³⁶(1-(4-decylpiperazine)))hGLP-1(7-36)NH₂ (SEQ ID NO:333);

(Aib^{8,35}, Arg^{26,34}, Asp³⁶(1-(4-dodecylpiperazine)))hGLP-1(7-36)NH₂ (SEQ ID NO:334);

(Aib^{8,35}, Arg^{26,34}, Asp³⁶(1-(4-hexadecylpiperazine)))hGLP-1(7-36)NH₂ (SEQ ID NO:335);

(Aib^{8,35}, Arg^{26,34}, Asp³⁸(1-(4-decylpiperazine)))hGLP-1(7-38)NH₂ (SEQ ID NO:336);

(Aib^{8,35}, Arg^{26,34}, Asp³⁸(1-(4-dodecylpiperazine)))hGLP-1(7-38)NH₂ (SEQ ID NO:337);

(Aib^{8,35}, Arg^{26,34}, Asp³⁸(1-(4-tetradecylpiperazine)))hGLP-1(7-38)NH₂ (SEQ ID NO:338);

(Aib^{8,35}, Arg^{26,34}, Asp³⁸(1-(4-hexadecylpiperazine)))hGLP-1(7-38)NH₂ (SEQ ID NO:339);

(Aib^{8,35,37}, Arg^{26,34}, Asp³⁸(1-(4-decylpiperazine)))hGLP-1(7-38)NH₂ (SEQ ID NO:340);

(Aib^{8,35,37}, Arg^{26,34}, Asp³⁸(1-(4-dodecylpiperazine)))hGLP-1(7-38)NH₂ (SEQ ID NO:341);

(Aib^{8,35,37}, Arg^{26,34}, Asp³⁸(1-(4-tetradecylpiperazine)))hGLP-1(7-38)NH₂ (SEQ ID NO:342);

(Aib^{8,35,37}, Arg^{26,34}, Asp³⁸(1-(4-hexadecylpiperazine)))hGLP-1(7-38)NH₂ (SEQ ID NO:343);

(Aib^{8,35}, Arg^{25,34}, Asp²⁶(1-(4-decylpiperazine)))hGLP-1(7-36)NH₂ (SEQ ID NO:344);

(Aib^{8,35}, Arg^{25,34}, Asp²⁶(1-(4-dodecylpiperazine)))hGLP-1(7-36)NH₂ (SEQ ID NO:345);

(Aib^{8,35}, Arg^{25,34}, Asp²⁶(1-(4-tetradecylpiperazine)))hGLP-1(7-36)NH₂ (SEQ ID NO:346);

(Aib^{8,35}, Arg^{25,34}, Asp²⁶(1-(4-hexadecylpiperazine)))hGLP-1(7-36)NH₂ (SEQ ID NO:347);

(Aib^{8,35}, Arg^{25,26}, Asp³⁴(1-(4-decylpiperazine)))hGLP-1(7-36)NH₂ (SEQ ID NO:348);

(Aib^{8,35}, Arg^{25,26}, Asp³⁴(1-(4-dodecylpiperazine)))hGLP-1(7-36)NH₂ (SEQ ID NO:349);

(Aib^{8,35}, Arg^{25,26}, Asp³⁴(1-(4-tetradecylpiperazine)))hGLP-1(7-36)NH₂ (SEQ ID NO:350);

(Aib^{8,35}, Arg^{25,26}, Asp³⁴(1-(4-hexadecylpiperazine)))hGLP-1(7-36)NH₂ (SEQ ID NO:351);

(Aib^{8,35}, Arg^{25,26,34}, Asp³⁶(1-(4-decylpiperazine)))hGLP-1(7-36)NH₂ (SEQ ID NO:352);

(Aib^{8,35}, Arg^{25,26,34}, Asp³⁶(1-(4-dodecylpiperazine)))hGLP-1(7-36)NH₂ (SEQ ID NO:353);

(Aib^{8,35}, Arg^{25,26,34}, Asp³⁶(1-(4-tetradecylpiperazine)))hGLP-1(7-36)NH₂ (SEQ ID NO:354);

(Aib^{8,35}, Arg^{25,26,34}, Asp³⁶(1-(4-hexadecylpiperazine)))hGLP-1(7-36)NH₂ (SEQ ID NO:355);

(Aib^{8,35}, Arg^{25,26,34}, Asp³⁸(1-(4-decylpiperazine)))hGLP-1(7-38)NH₂ (SEQ ID NO:356);

(Aib^{8,35}, Arg^{25,26,34}, Asp³⁸(1-(4-dodecylpiperazine)))hGLP-1(7-38)NH₂ (SEQ ID NO:357);

(Aib^{8,35}, Arg^{25,26,34}, Asp³⁸(1-(4-tetradecylpiperazine)))hGLP-1(7-38)NH₂ (SEQ ID NO:358);

(Aib^{8,35}, Arg^{25,26,34}, Asp³⁸(1-(4-hexadecylpiperazine)))hGLP-1(7-38)NH₂ (SEQ ID NO:359);

(Aib^{8,35,37}, Arg^{25,26,34}, Asp³⁸(1-(4-decylpiperazine)))hGLP-1(7-38)NH₂ (SEQ ID NO:360);

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(Aib<sup>8,35,37</sup>, Arg<sup>25,26,34</sup>, Asp<sup>38</sup>(1-(4-dodecylpiperazine)))hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:361);
(Aib<sup>8,35,37</sup>, Arg<sup>25,26,34</sup>, Asp<sup>38</sup>(1-(4-tetradecylpiperazine)))hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:362);
(Aib<sup>8,35,37</sup>, Arg<sup>25,26,34</sup>, Asp<sup>38</sup>(1-(4-hexadecylpiperazine)))hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:363);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Glu<sup>36</sup>(1-dodecylamino))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:364);
(Aib<sup>8,35</sup>, Glu<sup>26</sup>(1-dodecylamino), Arg<sup>34</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:365);
(Aib<sup>8,35</sup>, Arg<sup>26</sup>, Glu<sup>34</sup>(1-dodecylamino))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:366);
(Aib<sup>8,35,37</sup>, Arg<sup>26,34</sup>, Glu<sup>38</sup>(1-dodecylamino))hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:367);
(Aib<sup>8,35</sup>, Arg<sup>34</sup>, Lys<sup>26</sup>(\mathbb{N}^{M}N<sup>\epsilon</sup>-(2-(4-decyl-1-piperazine)-acetyl)))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID
NO:368);
(Aib<sup>8,35</sup>, Arg<sup>34</sup>, Lys<sup>26</sup>(N<sup>M</sup>N<sup>e</sup>-(2-(4-dodecyl-1-piperazine)-acetyl)))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID
NO:369);
(Aib<sup>8,35</sup>, Arg<sup>34</sup>, Lys<sup>26</sup>(N<sup>M</sup>N<sup>ε</sup>-(2-(4-tetradecyl-1-piperazine)-acetyl)))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID
NO:370:
(Aib<sup>8,35</sup>, Arg<sup>34</sup>, Lys<sup>26</sup>(N<sup>M</sup>N<sup>ε</sup>-(2-(4-hexadecyl-1-piperazine)-acetyl)))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID
NO:371);
(Aib<sup>8,35</sup>, Arg<sup>26</sup>, Lys<sup>34</sup>(N<sup>M</sup>N<sup>c</sup>-(2-(4-decyl-1-piperazine)-acetyl)))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID
NO:372);
(Aib<sup>8,35</sup>, Arg<sup>26</sup>, Lys<sup>34</sup>(N<sup>M</sup>N<sup>e</sup>-(2-(4-dodecyl-1-piperazine)-acetyl)))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID
NO:373);
(Aib<sup>8,35</sup>, Arg<sup>26</sup>, Lys<sup>34</sup>(N<sup>M</sup>N<sup>E</sup>-(2-(4-tetradecyl-1-piperazine)-acetyl)))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID
NO:374);
(Aib<sup>8,35</sup>, Arg<sup>26</sup>, Lys<sup>34</sup>(N<sup>M</sup>N<sup>E</sup>-(2-(4-hexadecyl-1-piperazine)-acetyl)))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID
NO:375);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Lys<sup>36</sup>(\mathbb{N}^{M}\underline{\mathbb{N}}^{\epsilon}-(2-(4-decyl-1-piperazine)-acetyl)))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID
NO:376);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Lys<sup>36</sup>(\mathbb{N}^{M}\mathbb{N}^{\epsilon}-(2-(4-dodecyl-1-piperazine)-acetyl)))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID
NO:377);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Lys<sup>36</sup>(\mathbb{N}^{M}\mathbb{N}^{\varepsilon}-(2-(4-hexadecyl-1-piperazine)-acetyl)))hGLP-1(7-36)NH<sub>2</sub> (SEQ
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ID NO:378);

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Inventor Dong 10/629,261 Serial No. 07/28/2003 Filed Page_ (Aib^{8,35}, Arg^{26,34}, Lys³⁸(\mathbb{N}^{M} \mathbb{N}^{ε} -(2-(4-decyl-1-piperazine)-acetyl)))hGLP-1(7-38)NH₂ (SEQ ID NO:379); (Aib^{8,35}, Arg^{26,34}, Lys³⁸(N^MN^ε-(2-(4-dodecyl-1-piperazine)-acetyl)))hGLP-1(7-38)NH₂ (SEQ ID NO:380); (Aib^{8,35}, Arg^{26,34}, Lys³⁸(N^MN^{\varepsilon}-(2-(4-tetradecyl-1-piperazine)-acetyl)))hGLP-1(7-38)NH₂ (SEO ID NO:381); (Aib^{8,35}, Arg^{26,34}, Lys³⁸(\mathbb{N}^{M} \mathbb{N}^{ε} -(2-(4-hexadecyl-1-piperazine)-acetyl)))hGLP-1(7-38)NH₂ (SEQ ID NO:382); (Aib^{8,35,37}, Arg^{26,34}, Lys³⁸($N^{M}N^{\epsilon}$ -(2-(4-decyl-1-piperazine)-acetyl)))hGLP-1(7-38)NH₂ (SEQ ID NO:383); (Aib^{8,35,37}, Arg^{26,34}, Lys³⁸($N^{M}N^{\epsilon}$ -(2-(4-dodecyl-1-piperazine)-acetyl)))hGLP-1(7-38)NH₂ (SEQ ID NO:384); (Aib^{8,35,37}, Arg^{26,34}, Lys³⁸(N^MN^{\varepsilon}-(2-(4-tetradecyl-1-piperazine)-acetyl)))hGLP-1(7-38)NH₂ (SEQ ID NO:385); (Aib^{8,35,37}, Arg^{26,34}, Lys³⁸($N^{M}N^{\epsilon}$ -(2-(4-hexadecyl-1-piperazine)-acetyl)))hGLP-1(7-38)NH₂ (SEQ ID NO:386); (Aib^{8,35}, Arg^{25,34}, Lys²⁶(\mathbb{N}^{M} \mathbb{N}^{ε} -(2-(4-decyl-1-piperazine)-acetyl)))hGLP-1(7-36)NH₂ (SEQ ID NO:387); (Aib^{8,35}, Arg^{25,34}, Lys²⁶($\mathbb{N}^{M}\mathbb{N}^{\epsilon}$ -(2-(4-dodecyl-1-piperazine)-acetyl)))hGLP-1(7-36)NH₂ (SEO ID NO:388); (Aib^{8,35}, Arg^{25,34}, Lys²⁶(\mathbb{N}^{M} \mathbb{N}^{ε} -(2-(4-tetradecyl-1-piperazine)-acetyl)))hGLP-1(7-36)NH₂ (SEQ

(Aib^{8,35}, Arg^{25,34}, Lys²⁶($\mathbb{N}^{M}\underline{\mathbb{N}}^{\epsilon}$ -(2-(4-tetradecyl-1-piperazine)-acetyl)))hGLP-1(7-36)NH₂ (SEQ ID NO:389);

(Aib^{8,35}, Arg^{25,34}, Lys²⁶($\mathbb{N}^{M}\underline{\mathbb{N}}^{\epsilon}$ -(2-(4-hexadecyl-1-piperazine)-acetyl)))hGLP-1(7-36)NH₂ (SEQ ID NO:390);

(Aib^{8,35}, Arg^{25,26}, Lys³⁴($\mathbb{N}^{M}\underline{\mathbb{N}}^{\epsilon}$ -(2-(4-decyl-1-piperazine)-acetyl)))hGLP-1(7-36)NH₂ (SEQ ID NO:391);

(Aib^{8,35}, Arg^{25,26}, Lys³⁴($\mathbb{N}^{M}\underline{\mathbb{N}}^{\epsilon}$ -(2-(4-dodecyl-1-piperazine)-acetyl)))hGLP-1(7-36)NH₂ (SEQ ID NO:392);

(Aib^{8,35}, Arg^{25,26}, Lys³⁴($\mathbb{N}^{M}\underline{\mathbb{N}}^{\epsilon}$ -(2-(4-tetradecyl-1-piperazine)-acetyl)))hGLP-1(7-36)NH₂ (SEQ ID NO:393);

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(Aib<sup>8,35</sup>, Arg<sup>25,26</sup>, Lvs<sup>34</sup>(N<sup>M</sup>N<sup>\varepsilon</sup>-(2-(4-hexadecyl-1-piperazine)-acetyl)))hGLP-1(7-36)NH<sub>2</sub> (SEQ
ID NO:394);
(Aib<sup>8,35</sup>, Arg<sup>25,26,34</sup>, Lys<sup>36</sup>(N^{M}N^{\epsilon}-(2-(4-decyl-1-piperazine)-acetyl)))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID
NO:395);
(Aib<sup>8,35</sup>, Arg<sup>25,26,34</sup>, Lys<sup>36</sup>(N<sup>M</sup>N<sup>\epsilon</sup>-(2-(4-dodecyl-1-piperazine)-acetyl)))hGLP-1(7-36)NH<sub>2</sub> (SEQ
ID NO:396);
(Aib<sup>8,35</sup>, Arg<sup>25,26,34</sup>, Lys<sup>36</sup>(\mathbb{N}^{M}\mathbb{N}^{\epsilon}-(2-(4-tetradecyl-1-piperazine)-acetyl)))hGLP-1(7-36)NH<sub>2</sub> (SEQ
ID NO:397);
(Aib^{8,35}, Arg^{25,26,34}, Lvs^{36}(N^{M}N^{\epsilon}-(2-(4-hexadecyl-1-piperazine)-acetyl))))hGLP-1(7-36)NH<sub>2</sub> (SEQ
ID NO:398);
(Aib<sup>8,35</sup>, Arg<sup>25,26,34</sup>, Lys<sup>38</sup>(N<sup>M</sup>N<sup>\epsilon</sup>-(2-(4-decyl-1-piperazine)-acetyl)))hGLP-1(7-38)NH<sub>2</sub> (SEQ ID
NO:399);
(Aib<sup>8,35</sup>, Arg<sup>25,26,34</sup>, Lys<sup>38</sup>(N^{M}N^{\epsilon}-(2-(4-dodecyl-1-piperazine)-acetyl)))hGLP-1(7-38)NH<sub>2</sub> (SEQ
ID NO:400);
(Aib<sup>8,35</sup>, Arg<sup>25,26,34</sup>, Lys<sup>38</sup>(\mathbb{N}^{M}N<sup>\epsilon</sup>-(2-(4-tetradecyl-1-piperazine)-acetyl)))hGLP-1(7-38)NH<sub>2</sub> (SEQ
ID NO:401);
(Aib^{8,35}, Arg^{25,26,34}, Lys^{38}(N^{M}N^{\epsilon}-(2-(4-hexadecyl-1-piperazine)-acetyl)))hGLP-1(7-38)NH_{2} (SEQ
ID NO:402);
(Aib^{8,35,37}, Arg^{25,26,34}, Lys^{38}(N^{M}N^{\epsilon}-(2-(4-decyl-1-piperazine)-acetyl)))hGLP-1(7-38)NH_{2} (SEQ
ID NO:403);
(Aib<sup>8,35,37</sup>, Arg<sup>25,26,34</sup>, Lys<sup>38</sup>(N^{M}N^{\epsilon}-(2-(4-dodecyl-1-piperazine)-acetyl)))hGLP-1(7-38)NH<sub>2</sub> (SEQ
ID NO:404);
(Aib<sup>8,35,37</sup>, Arg<sup>25,26,34</sup>, Lys<sup>38</sup>(N<sup>M</sup>N<sup>\epsilon</sup>-(2-(4-tetradecyl-1-piperazine)-acetyl)))hGLP-1(7-38)NH<sub>2</sub>
(SEQ ID NO:405);
(Aib^{8,35,37}, Arg^{25,26,34}, Lys^{38}(N^{M}N^{\epsilon}-(2-(4-hexadecyl-1-piperazine)-acetyl)))hGLP-1(7-38)NH_{2}
(SEO ID NO:406);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Lys<sup>36</sup>(N<sup>M</sup>N<sup>ε</sup>-decanoyl))hGLP-1(7-36)OH (SEQ ID NO:407);
(Aib^{8,35}, Lys^{25}, Arg^{26,34}, Lys^{36}(N^{M}N^{\epsilon}-decanoyl))hGLP-1(7-36)OH (SEQ ID NO:408);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Ava<sup>37</sup>, Ado<sup>38</sup>)hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:409);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Asp<sup>37</sup>, Ava<sup>38</sup>, Ado<sup>39</sup>)hGLP-1(7-39)NH<sub>2</sub> (SEQ ID NO:27);
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(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Aun<sup>37</sup>)hGLP-1(7-37)NH<sub>2</sub> (SEO ID NO:28);
(Aib^{8,17,35})hGLP-1(7-36)NH_2 (SEQ ID NO:29);
(Aib<sup>8</sup>, Arg^{26,34}, \beta-Ala<sup>35</sup>, D-Asp<sup>37</sup>, Ava<sup>38</sup>, Aun^{39})hGLP-1(7-39)NH<sub>2</sub> (SEQ ID NO:30);
(Glv<sup>8</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:31);
(Ser<sup>8</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:32);
(Aib<sup>8</sup>, Glu<sup>22,23</sup>, \beta-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:33);
(Gly<sup>8</sup>, Aib<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:34);
(Aib<sup>8</sup>, Lys<sup>18</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO35);
(Aib<sup>8</sup>, Leu<sup>27</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:36);
(Aib<sup>8</sup>, Lys<sup>33</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:37);
(Aib<sup>8</sup>, Lvs<sup>18</sup>, Leu<sup>27</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:38);
(Aib<sup>8</sup>, D-Arg<sup>36</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:39);
(Aib<sup>8</sup>, β-Ala<sup>35</sup>, D-Arg<sup>37</sup>)hGLP-1(7-37)NH<sub>2</sub> (SEQ ID NO:40);
(Aib<sup>8,27</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:41);
(Aib<sup>8,27</sup>, \beta-Ala<sup>35,37</sup>, Arg<sup>38</sup>)hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:42);
(Aib<sup>8,27</sup>, \beta-Ala<sup>35,37</sup>, Arg<sup>38,39</sup>)hGLP-1(7-39)NH<sub>2</sub> (SEQ ID NO:43);
(Aib<sup>8</sup>, Lys<sup>18,27</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:44);
(Aib<sup>8</sup>, Lys<sup>27</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:45);
(Aib<sup>8</sup>, β-Ala<sup>35</sup>, Arg<sup>38</sup>)hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:46);
(Aib<sup>8</sup>, Arg<sup>26,34</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:47);
(Aib<sup>8</sup>, D-Arg<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:48);
(Aib<sup>8</sup>, β-Ala<sup>35</sup>, Arg<sup>37</sup>)hGLP-1(7-37)NH<sub>2</sub> (SEQ ID NO:49);
(Aib<sup>8</sup>, Phe<sup>31</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:50);
(Aib<sup>8,35</sup>, Phe<sup>31</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:51);
(Aib<sup>8,35</sup>, Nal<sup>31</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:52);
(Aib<sup>8,35</sup>, Nal<sup>28,31</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:53);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Nal<sup>31</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:54);
(Aib<sup>8,35</sup>, Nal<sup>19,31</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:56);
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(Aib^{8,35}, Nal^{12,31})hGLP-1(7-36)NH₂ (SEQ ID NO:57);

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Inventor Dong 10/629,261 Serial No. Filed 07/28/2003 Page (Aib^{8,35}, Lys³⁶($\mathbb{N}^{M}\mathbb{N}^{\epsilon}$ -decanoyl))hGLP-1(7-36)NH₂ (SEQ ID NO:58); (Aib^{8,35}, Arg³⁴, Lys²⁶(\mathbb{N}^{M} N^{ϵ}-decanoyl))hGLP-1(7-36)NH₂ (SEQ ID NO:59); (Aib^{8,35}, Arg^{26,34}, Lys³⁶($\mathbb{N}^{M}\mathbb{N}^{\epsilon}$ -dodecanoyl))hGLP-1(7-36)NH₂ (SEQ ID NO:60); (Aib⁸, β-Ala³⁵, Ser³⁷(O-decanoyl))hGLP-1(7-37)NH₂ (SEQ ID NO:61); (Aib^{8,27}, β -Ala^{35,37}, Arg³⁸, Lys³⁹(\mathbb{N}^{M} N^{ϵ}-octanoyl))hGLP-1(7-39)NH₂ (SEQ ID NO:62); (Aib⁸, Arg^{26,34}, β -Ala³⁵, Lys³⁷($\mathbb{N}^{M}\mathbb{N}^{\epsilon}$ -octanoyl))hGLP-1(7-37)NH₂ (SEO ID NO:63); (Aib⁸, Arg^{26,34}, β-Ala³⁵, Lvs³⁷(\mathbb{N}^{M} N^ε-decanoyl))hGLP-1(7-37)NH₂ (SEO ID NO:64): (Aib⁸, Arg^{26,34}, β -Ala³⁵, Lys³⁷(N^MN^{ϵ}-tetradecanoyl))hGLP-1(7-37)NH₂ (SEO ID NO:65); (Aib⁸, Arg^{26,34}, β -Ala³⁵, Lys³⁷(\mathbb{N}^{M} N^{ϵ}-dodecanoyl))hGLP-1(7-37)NH₂ (SEQ ID NO:410); or (Aib⁸, Arg^{26,34}, β -Ala³⁵, Lvs³⁷(\mathbb{N}^{M} N^{ϵ}-dodecanovl))hGLP-1(8-37)NH₂ (SEO ID NO:411): or a pharmaceutically acceptable salt thereof. $(Aib^{8,35}, A6c^{32})hGLP-1(7-36)NH_2$ (SEQ ID NO:16); (Aib^{8,35}, Glu²³)hGLP-1(7-36)NH₂ (SEO ID NO:17);

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16 (currently amended): A compound according to claim 15 wherein said compound is: (Aib<sup>8,35</sup>, A6c<sup>32</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:16); (Aib<sup>8,35</sup>, Glu<sup>23</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:17); (Aib <sup>8,24,35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:18); (Aib<sup>8,35</sup>, Glu<sup>23</sup>, A6c<sup>32</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:19); (Aib<sup>8,35</sup>, Glu<sup>23</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:20); (Aib<sup>8,35</sup>, Arg<sup>26,34</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:21); (Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Lys<sup>36</sup>(N<sup>M</sup>M<sup>c</sup>-octanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:22); (Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Lys<sup>36</sup>(N<sup>M</sup>M<sup>c</sup>-decanoyl))hGLP-1(7-36)OH (SEQ ID NO:23); (Aib<sup>8,35</sup>, Lys<sup>25</sup>, Arg<sup>26,34</sup>Lys<sup>36</sup>(N<sup>M</sup>M<sup>c</sup>-decanoyl))hGLP-1(7-36)OH (SEQ ID NO:24); (Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, β-Ala<sup>35</sup>, Lys<sup>36</sup>(N<sup>M</sup>M<sup>c</sup>-decanoyl))hGLP-1(7-36)OH (SEQ ID NO:25); (Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Ava<sup>37</sup>, Ado<sup>38</sup>)hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:26); (Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Asp<sup>37</sup>, Ava<sup>38</sup>, Ado<sup>39</sup>)hGLP-1(7-39)NH<sub>2</sub> (SEQ ID NO:27); (Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Aun<sup>37</sup>)hGLP-1(7-37)NH<sub>2</sub> (SEQ ID NO:28); (Aib<sup>8,17,35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:29); (Aib<sup>8,17,35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:29); (Aib<sup>8,17,35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:29); (Aib<sup>8,17,35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:29); (Aib<sup>8,17,35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:31);
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(Ser<sup>8</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:32);
(Aib<sup>8</sup>, Glu<sup>22,23</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:33);
(Gly<sup>8</sup>, Aib<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:34);
(Aib<sup>8</sup>, Lys<sup>18</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO: 35);
(Aib<sup>8</sup>, Leu<sup>27</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:36);
(Aib<sup>8</sup>, Lys<sup>33</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:37);
(Aib<sup>8</sup>, Lvs<sup>18</sup>, Leu<sup>27</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:38);
(Aib<sup>8</sup>, D-Arg<sup>36</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:39);
(Aib<sup>8</sup>, β-Ala<sup>35</sup>, D-Arg<sup>37</sup>)hGLP-1(7-37)NH<sub>2</sub> (SEQ ID NO:40);
(Aib^{8,27}, \beta-Ala^{35})hGLP-1(7-36)NH_2 (SEQ ID NO:41);
(Aib<sup>8,27</sup>, β-Ala<sup>35,37</sup>, Arg<sup>38</sup>)hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:42);
(Aib<sup>8,27</sup>, β-Ala<sup>35,37</sup>, Arg<sup>38,39</sup>)hGLP-1(7-39)NH<sub>2</sub> (SEQ ID NO:43);
(Aib<sup>8</sup>, Lys<sup>18,27</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:44);
(Aib<sup>8</sup>, Lvs<sup>27</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:45);
(Aib<sup>8</sup>, β-Ala<sup>35</sup>, Arg<sup>38</sup>)hGLP-1(7-38)NH<sub>2</sub> (SEQ ID NO:46);
(Aib<sup>8</sup>, Arg<sup>26,34</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:47);
(Aib<sup>8</sup>, D-Arg<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:48);
(Aib<sup>8</sup>, β-Ala<sup>35</sup>, Arg<sup>37</sup>)hGLP-1(7-37)NH<sub>2</sub> (SEQ ID NO:49);
(Aib<sup>8</sup>, Phe<sup>31</sup>, β-Ala<sup>35</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:50);
(Aib<sup>8,35</sup>, Phe<sup>31</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEO ID NO:51);
(Aib<sup>8,35</sup>, Nal<sup>31</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:52);
(Aib<sup>8,35</sup>, Nal<sup>28,31</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:53);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Nal<sup>31</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:54);
(Aib<sup>8,35</sup>, Nal<sup>19,31</sup>)hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:56);
(Aib^{8,35}, Nal^{12,31})hGLP-1(7-36)NH_2 (SEQ ID NO:57);
(Aib<sup>8,35</sup>, Lvs<sup>36</sup>(\mathbb{N}^{M}N<sup>\varepsilon</sup>-decanovl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:58);
(Aib<sup>8,35</sup>, Arg<sup>34</sup>, Lys<sup>26</sup>(\mathbb{N}^{M} N<sup>\epsilon</sup>-decanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:59);
(Aib<sup>8,35</sup>, Arg<sup>26,34</sup>, Lys<sup>36</sup>(\mathbb{N}^{M}N<sup>\varepsilon</sup>-dodecanoyl))hGLP-1(7-36)NH<sub>2</sub> (SEQ ID NO:60);
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(Aib⁸, β-Ala³⁵, Ser³⁷(O-decanoyl))hGLP-1(7-37)-NH₂ (SEQ ID NO:61);

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(Aib^{8,27}, β-Ala^{35,37}, Arg³⁸, Lys³⁹($\mathbb{N}^{M}\underline{\mathbb{N}}^{\epsilon}$ -octanoyl))hGLP-1(7-39)NH₂ (SEQ ID NO:62); (Aib⁸, Arg^{26,34}, β-Ala³⁵, Lys³⁷($\mathbb{N}^{M}\underline{\mathbb{N}}^{\epsilon}$ -octanoyl))hGLP-1(7-37)NH₂ (SEQ ID NO:63); (Aib⁸, Arg^{26,34}, β-Ala³⁵, Lys³⁷($\mathbb{N}^{M}\underline{\mathbb{N}}^{\epsilon}$ -decanoyl))hGLP-1(7-37)NH₂ (SEQ ID NO:64); or (Aib⁸, Arg^{26,34}, β-Ala³⁵, Lys³⁷($\mathbb{N}^{M}\underline{\mathbb{N}}^{\epsilon}$ -tetradecanoyl))hGLP-1(7-37)NH₂ (SEQ ID NO:65); or a pharmaceutically acceptable salt thereof.

17-18 (canceled)

19 (previously presented): A compound wherein said compound is: (Aib^{8,35}, Arg^{26,34}, Phe³¹)hGLP-1(7-36)NH₂ (SEQ ID NO:55); or a pharmaceutically acceptable salt thereof.